

In the Claims

1. A device for the metered transfer of two or more liquids each supplied from a respective supply tank by means of a corresponding respective pump to a corresponding respective liquid dispenser comprising:

a common liquid measuring device having a screw spindle arrangement for the fluids;

two or more upstream valves, each providing a supply of one liquid one of the supply tanks to the measuring device; and

two or more downstream valves each providing a supply of one liquid from the measuring device to one of the liquid dispensers, thereby providing a supply link at any one time from one of the pumps through the measuring device and to the corresponding fuel dispenser.

2. A device according to claim 1, wherein a clearance volume of the liquid measuring device is less than a calibration tolerance.

3. A device according to claim 1, wherein a clearance volume of the liquid measuring device is less than 20cm³.

4. A device according to claim 1, wherein the upstream valves form a first multi-way valve, and the downstream valves form a second multi-way valve.

5. A device according to claim 1, wherein the downstream valves are interconnected in pairs with the upstream valves.

6. A device according to claim 5, wherein the downstream valves are non-return valves.

7. A device according to claim 5 wherein the downstream valves are each associated with a respective liquid dispenser.

8. A device according to claim 1 wherein the liquid dispensers each have a respective manually operated delivery valve and are associated with an electric signal generator which supplies a valve operating to an electronic circuit.

9. A device according to claim 8 wherein the electronic circuit closes all upstream valves when more than one delivery nozzle is activated.

10. A device according to claim 1, wherein the liquids are fuels.

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